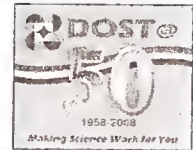




## TECHNOLOGY APPLICATION AND PROMOTION INSTITUTE



30 May 2011

**MR. MELCHOR B. LIM**

Zone 8, Bulan  
Sorsogon 4706

**Ref. No.: 2011-0513-03**

**Dear Mr. Lim:**

Your letter addressed to DOST Secretary Mario G. Montero concerning your proposal to address the climate change through your "TZUY Turbine" was referred to our office for appropriate action.

The above will be subjected for evaluation. However, we noted that some of the proposed power plants using your turbine specifically your so-called "Gravity Power" and "Hydrostatic Power" falls under the category of "perpetual motion". In these power plants, you envisioned to use the weight of water in the container or source to effect a continuous circulation of water to drive your turbine and return the water back to the source or container. The said power plants would thus become self-operating systems operating without the aid of any power other than that which is being generated by the power plants themselves. Such systems fall under the category of "perpetual motion" which is deemed as violative of the first law of thermodynamics which states that energy can never be created or destroyed. Please find attached copies of technical literature on this subject matter for your perusal. In view of the foregoing, we will focus our study on the turbine itself.

We will inform you of our findings once available.

Thank you.

Very truly yours,

  
**EDGAR I. GARCIA**  
Director

cc. Sec. M.G. Montejo, DOST

